



Morinaga Institute of Biological Science, Inc.

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November 15, 2023

Quality Control Report

Morinaga Institute of Biological Science, Inc.

Quality Assurance Department

Manager:

M. Monta

Product:

| Product name | Batch number | Expiration date |
|---------------------|--------------|-----------------|
| Sesame ELISA Kit II | 23NOSFSE008 | NOV.12 2024 |

The product kit, batch 23NOSFSE008, passed the quality control.

(1) Absorbance of the standard curve

(Assay date : November 15, 2023)

| STD (ng/mL) | 1 | 2 | 3 | 4 | Ave. | CV (%) |
|----------------|-------|-------|-------|-------|-------|-----------|
| 0 | 0.004 | 0.004 | 0.004 | 0.005 | 0.004 | |
| 0.39 | 0.043 | 0.045 | 0.046 | 0.045 | 0.045 | 2.8 |
| 0.78 | 0.093 | 0.093 | 0.090 | 0.093 | 0.092 | 1.6 |
| 1.56 | 0.177 | 0.184 | 0.177 | 0.175 | 0.178 | 2.2 |
| 3.13 | 0.340 | 0.340 | 0.340 | 0.326 | 0.337 | 2.1 |
| 6.3 | 0.643 | 0.640 | 0.652 | 0.632 | 0.642 | 1.3 |
| 12.5 | 1.168 | 1.158 | 1.164 | 1.131 | 1.155 | 1.4 |
| 25 | 2.014 | 2.037 | 2.033 | 2.043 | 2.032 | 0.6 |

(2) Results of the Test materials

| Positive Control | Protein content(μg/g) | Standard value |
|------------------|-----------------------|----------------|
| A | 7.3 | 4.8-8.8 |
| B | 3.4 | 2.2-4.0 |
| C | 5.7 | 3.3-6.2 |